

WHAT IS CLAIMED IS:

1. A paper-feeding stepping motor driving method in a thermal printer for driving a paper-feeding stepping motor for feeding recording paper in dynamic division printing in which the number of heating elements to be energized for recording each line with each color is found and divisional energization is performed so that the number of heating elements to be simultaneously energized is less than or equal to a predetermined number, wherein, while a driving signal to be applied to said paper-feeding stepping motor to be driven in response to the divisional energization of said heating elements is active, an active pulse is subdivided.

2. A paper-feeding stepping motor driving method in a thermal printer according to Claim 1, wherein the active pulse is subdivided when the number of divisions for energization of said heating elements is more than or equal to two.

3. A paper-feeding stepping motor driving method in a thermal printer according to Claim 1 or 2, wherein the active pulse is subdivided into a predetermined duty ratio and a predetermined pulse width corresponding to the number of divisions.